

Science On a Sphere®



SOS Explorer™



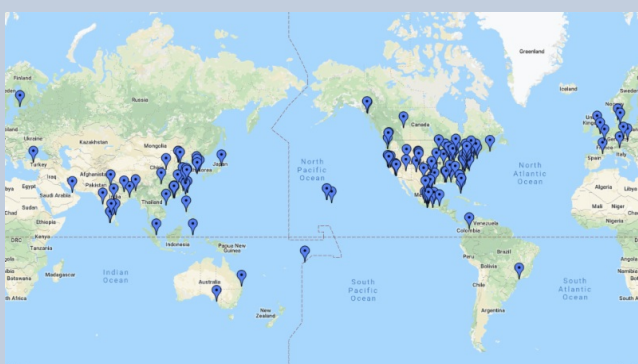
SOSx Lite

## In the Loop

with NOAA Science On a Sphere®



July 2019



### The SOS Network Continues to Grow

This week the SOS team is installing the 167th SOS at the Museum of the Southwest in Midland, TX. With that installation, we are up to 87 SOS installations in the United States and another 80 internationally. The countries with the most Science On a Spheres are the United States, Mexico, China, and India. An up-to-date map of all of our locations can be found [here](#).

In your travels, be sure to check if there is a SOS near you! Every site uses their SOS in their own unique way, making a visit worthwhile, even for the most veteran SOS users!

Do you want to schedule a visit at a SOS site? We're happy to help connect you with a specific location. Email us at [sos.gsd@noaa.gov](mailto:sos.gsd@noaa.gov)!

If you're interesting in getting SOS for your site, reach out to us at [getsos.gsd@noaa.gov](mailto:getsos.gsd@noaa.gov)

### Goodbye to John Schneider



Friday, June 28 was John Schneider's last day with NOAA. For those of you who did not know John, he was the branch chief for the Advanced Technology Branch that housed Science On a Sphere and SOS Explorer. He led the branch for the last six years and worked closely with the SOS and SOSx teams, providing vision and direction for the projects. We sent him off with some special, personalized SOS datasets created in his honor. Taking advantage of the new moving PIP feature, we had John zipping around planets and moons in a spaceship, in

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## One-on-One Training Available

Need a refresher on the Visual Playlist Editor or some extra help putting together a dataset? Or do you just want some time to talk with the SOS team about your questions/current challenges?

Sign up for a one-on-one (or more) phone or TeamViewer training session with the SOS team! A team member from the SOS Boulder team will log into your SOS system at a specified time through TeamViewer and walk you through whatever issues or questions you might have. For example, we can show you how to add text PIPs or moving PIPs to a dataset or shorten a dataset to include specific dates or brainstorm ideas for your next great playlist. Whatever you need, we're here to help!

Email us at [sos.gsd@noaa.gov](mailto:sos.gsd@noaa.gov) and let us know what you'd like help with and when you're available for a training session. Do not hesitate to reach out at any time!

Want to start learning now? Check out our [Video Tutorials](#)! These short videos provide help with the Visual Playlist Editor, the SOS Remote App, and more!

addition to embedding his face in the moon. He will be missed!

Mark Govett, the chief of the High Performance Computing Section at NOAA, will be stepping into John's role. Welcome Mark!

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## SOS Explorer™ Mobile App Coming This Summer!!



It's just weeks away! We introduced a prototype of the SOS Explorer™ Mobile App at the SOS workshop in November 2018 and now the official app is almost ready for its grand unveiling! The app has been developed for Android and Apple phones and tablets. With over 100 datasets and NOAA-created tours, this is going to be a must have app for science educators, students, and science enthusiasts. And, it's free! Look out for an email with instructions on how to download it in just a few weeks!

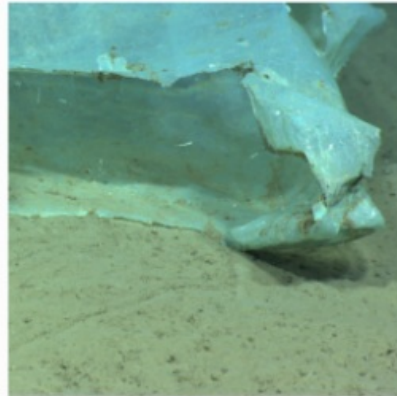
## Phenomenon-based Learning Modules



Can Elephants Sense  
Tsunamis?



Lightning Lake



Plastic in Mariana  
Trench

Looking for a new way to interact with students and SOS/SOSx? Phenomenon-based learning is an educational approach that engages students in science. It starts with a “phenomenon,” or an attention-grabbing image or video clip that hooks students into the lesson. The phenomena are complex ideas that get students to ask questions and draw upon multiple areas of science to help answer them. We've taken datasets from the SOS and SOSx catalog to help explore and explain science phenomena in our new [phenomenon-based learning modules](#). Phenomenon-based learning also pairs well with the Next Generation Science Standards.

Science On a Sphere®

Website: [sos.noaa.gov](https://sos.noaa.gov)

SOS Support: [sos.gsd@noaa.gov](mailto:sos.gsd@noaa.gov)

SOSx Support: [sos.explorer@noaa.gov](mailto:sos.explorer@noaa.gov)

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